

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120225\  
 Data File : VY023862.D  
 Acq On : 02 Dec 2025 16:20  
 Operator : SY/MD  
 Sample : Q3742-09  
 Misc : 5.71g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-1125-22

Quant Time: Dec 03 01:05:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y112625S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 27 01:14:36 2025  
 Response via : Initial Calibration

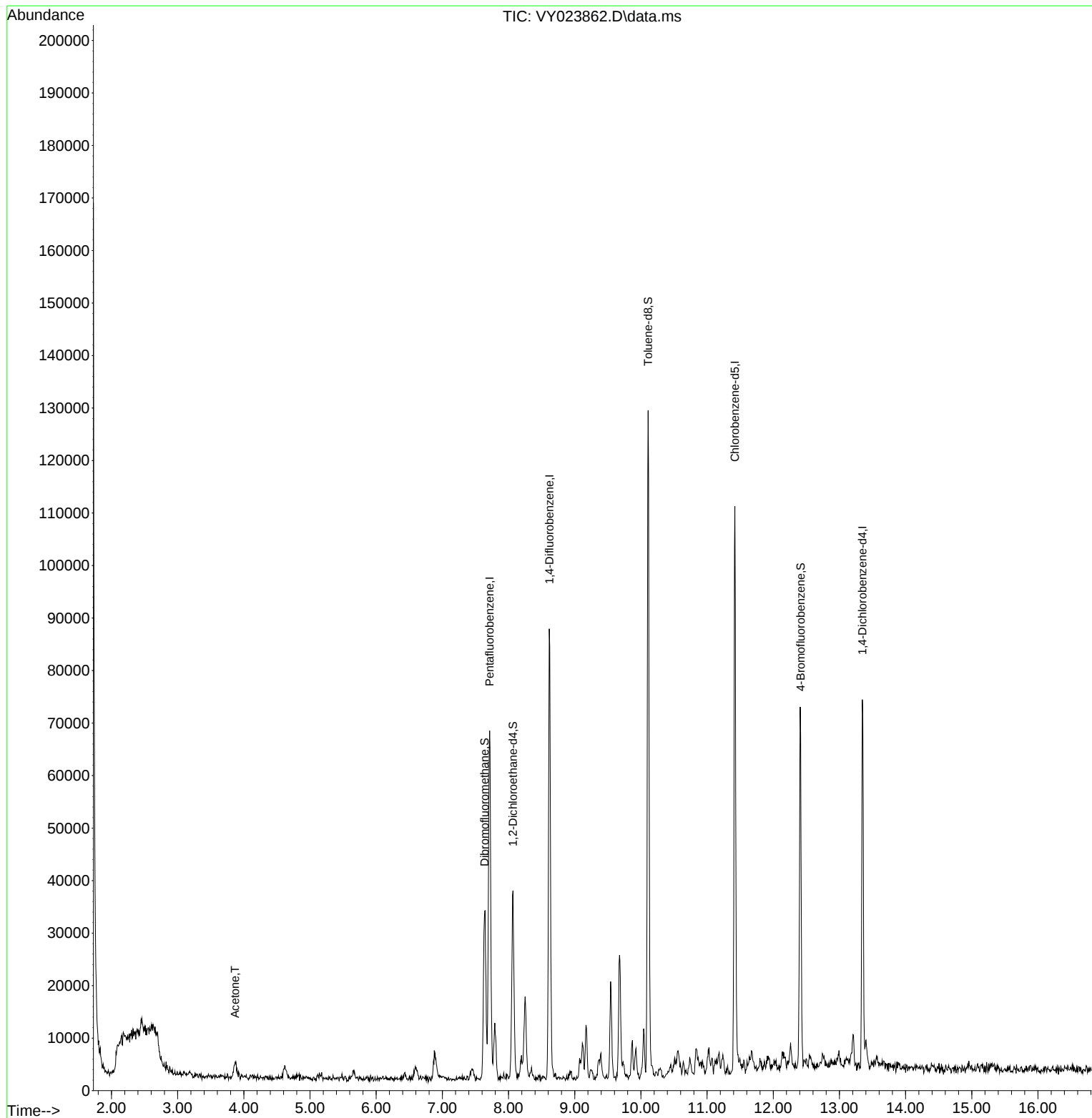
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 7.713  | 168   | 54972    | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.615  | 114   | 72938    | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 58949    | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 19096    | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 27420    | 51.220   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 102.440% |           |
| 35) Dibromofluoromethane    | 7.640  | 113   | 25419    | 58.830   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 117.660% |           |
| 50) Toluene-d8              | 10.109 | 98    | 85466    | 49.799   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 99.600%  |           |
| 62) 4-Bromofluorobenzene    | 12.414 | 95    | 20070    | 35.542   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 71.080%  |           |
| Target Compounds            |        |       |          |          |            |           |
| 16) Acetone                 | 3.866  | 43    | 5165     | 33.487   | ug/l       | Qvalue 94 |
| -----                       |        |       |          |          |            |           |

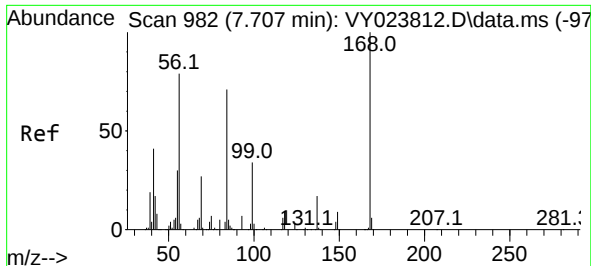
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120225\  
Data File : VY023862.D  
Acq On : 02 Dec 2025 16:20  
Operator : SY/MD  
Sample : Q3742-09  
Misc : 5.71g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1125-22

Quant Time: Dec 03 01:05:23 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y112625S.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 27 01:14:36 2025  
Response via : Initial Calibration

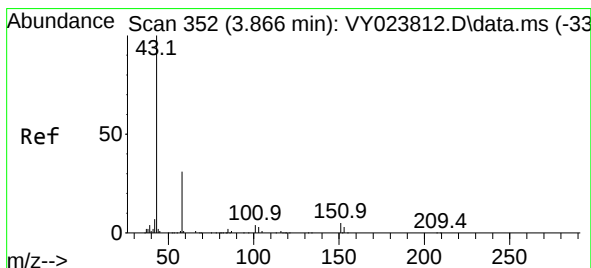
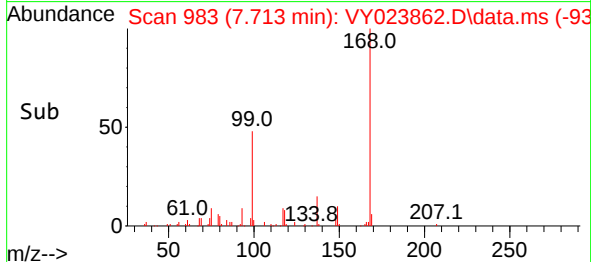
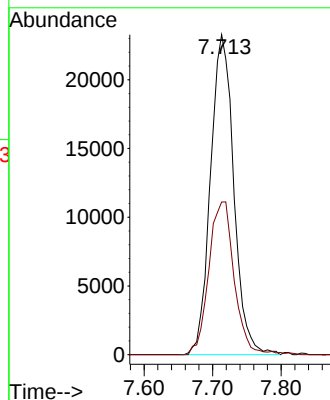
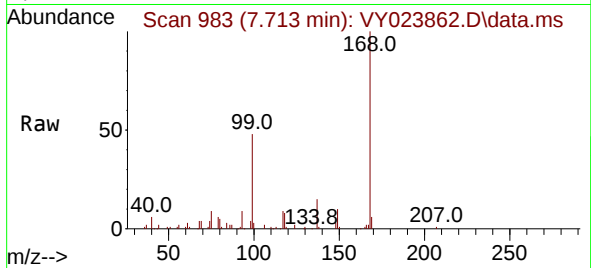




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023862.D  
Acq: 02 Dec 2025 16:20

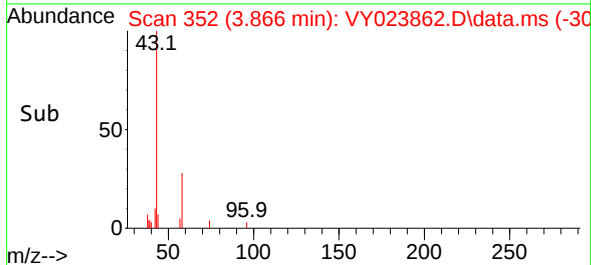
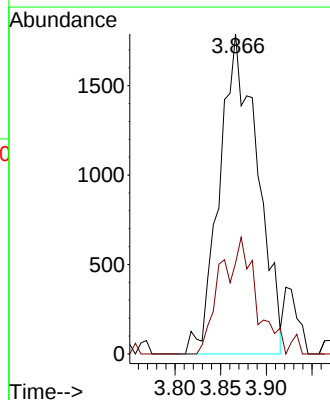
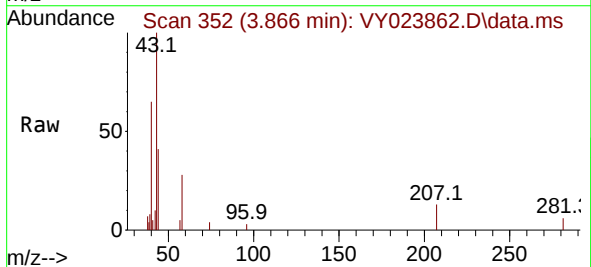
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1125-22

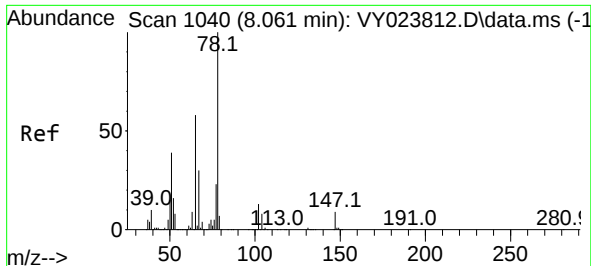
Tgt Ion:168 Resp: 54972  
Ion Ratio Lower Upper  
168 100  
99 47.7 44.0 66.0



#16  
Acetone  
Concen: 33.487 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. -0.000 min  
Lab File: VY023862.D  
Acq: 02 Dec 2025 16:20

Tgt Ion: 43 Resp: 5165  
Ion Ratio Lower Upper  
43 100  
58 28.4 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 51.220 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023862.D

Acq: 02 Dec 2025 16:20

Instrument :

MSVOA\_Y

ClientSampleId :

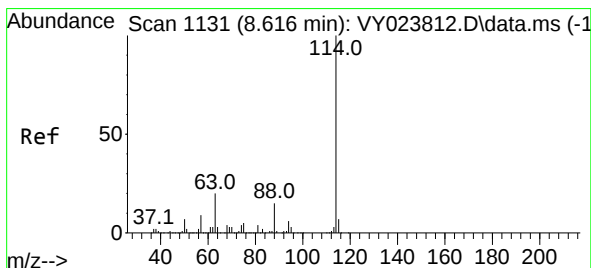
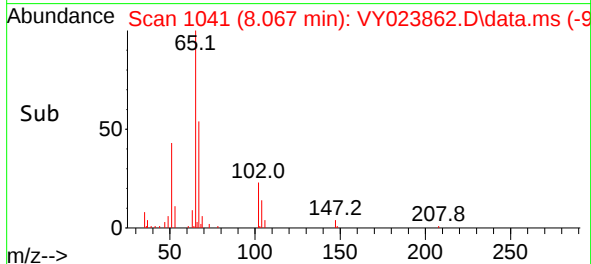
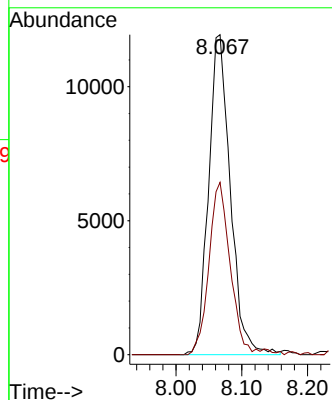
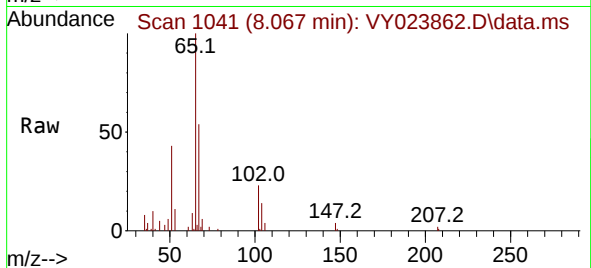
SB-1125-22

Tgt Ion: 65 Resp: 27420

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023862.D

Acq: 02 Dec 2025 16:20

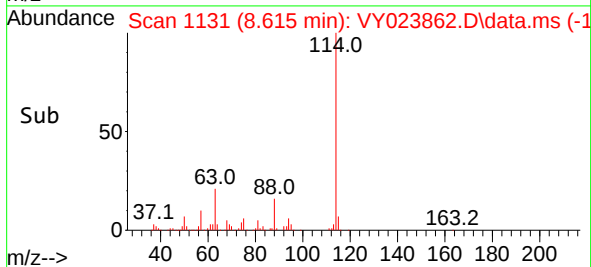
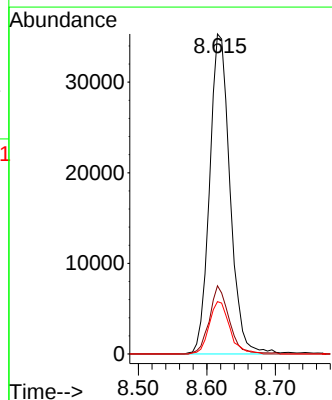
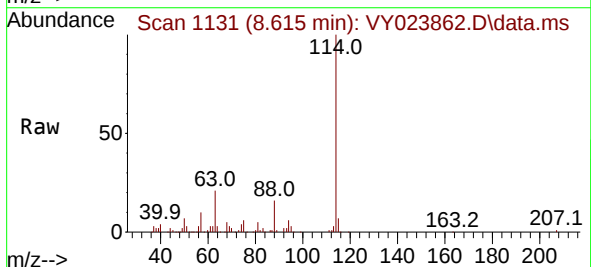
Tgt Ion:114 Resp: 72938

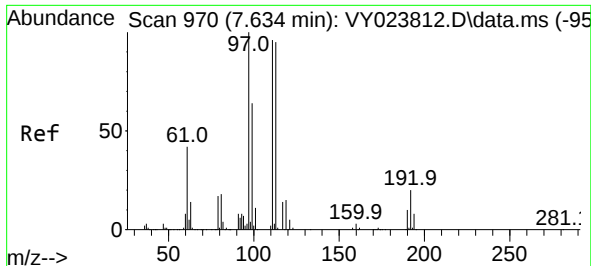
Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.4

88 16.3 0.0 30.8

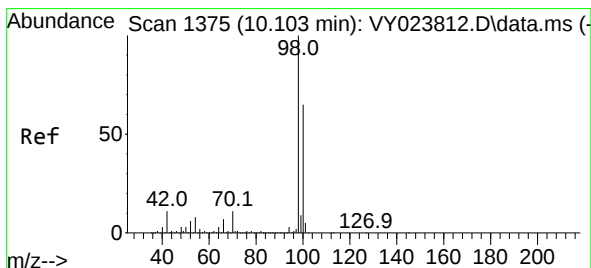
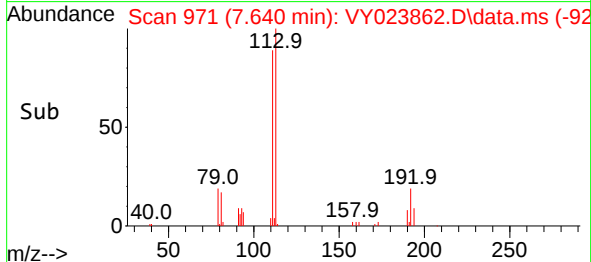
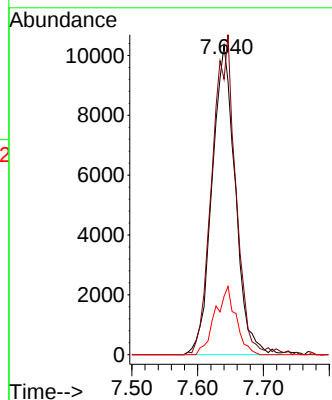
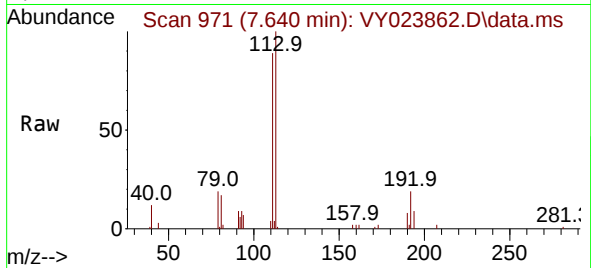




#35  
Dibromofluoromethane  
Concen: 58.830 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023862.D  
Acq: 02 Dec 2025 16:20

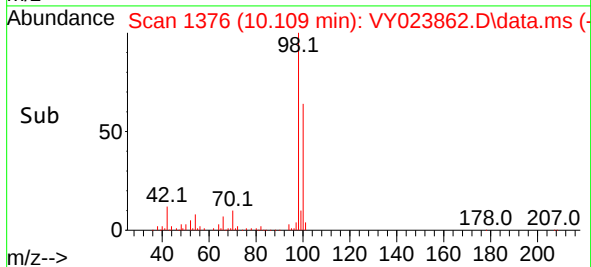
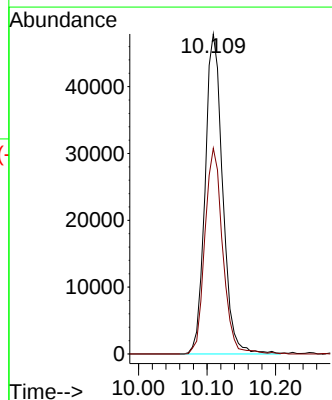
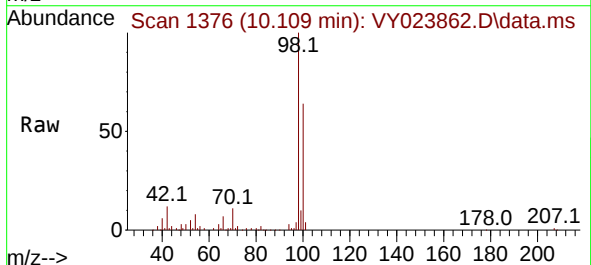
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1125-22

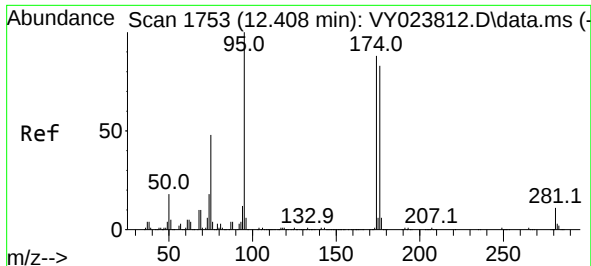
Tgt Ion:113 Resp: 25419  
Ion Ratio Lower Upper  
113 100  
111 103.9 81.4 122.0  
192 19.8 15.8 23.8



#50  
Toluene-d8  
Concen: 49.799 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. 0.006 min  
Lab File: VY023862.D  
Acq: 02 Dec 2025 16:20

Tgt Ion: 98 Resp: 85466  
Ion Ratio Lower Upper  
98 100  
100 65.4 51.9 77.9

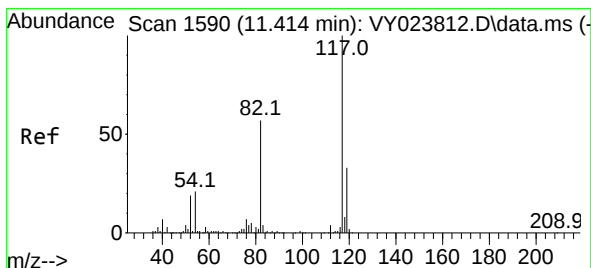
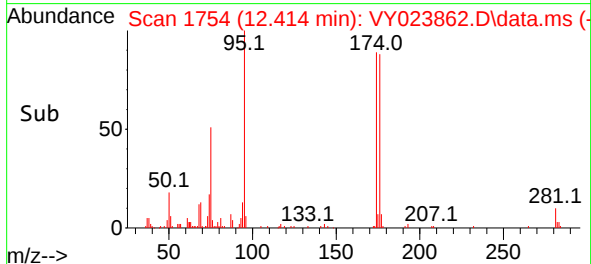
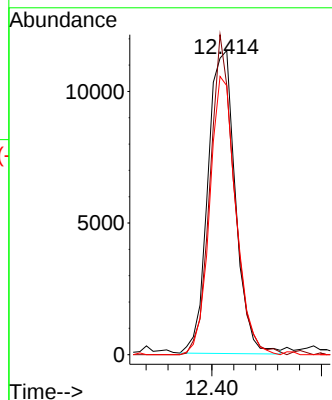
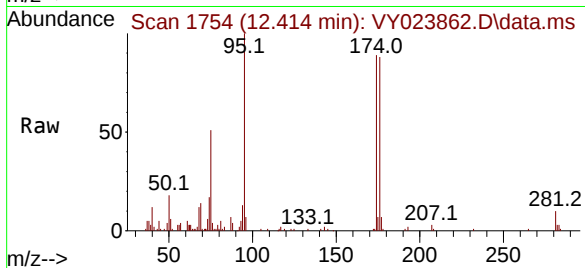




#62  
4-Bromofluorobenzene  
Concen: 35.542 ug/l  
RT: 12.414 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY023862.D  
Acq: 02 Dec 2025 16:20

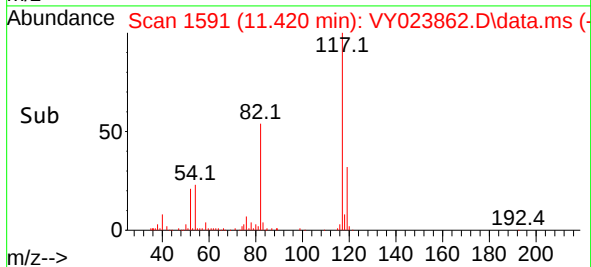
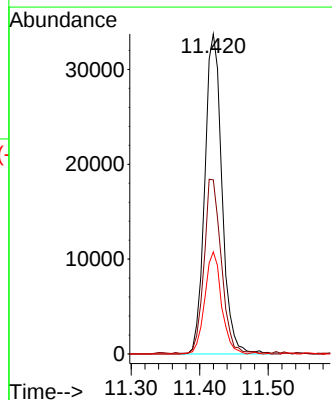
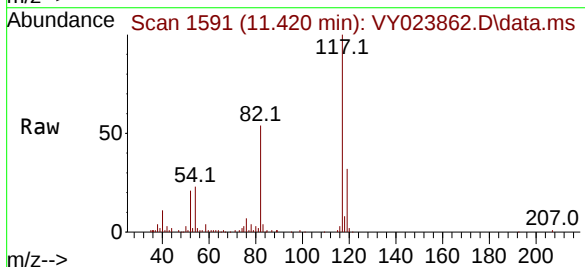
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1125-22

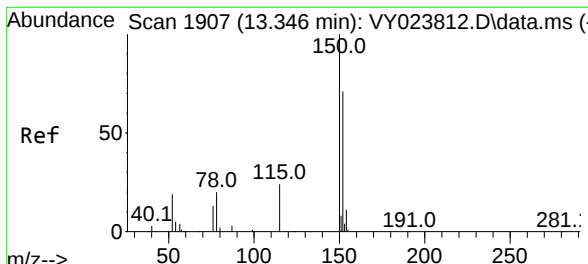
Tgt Ion: 95 Resp: 20070  
Ion Ratio Lower Upper  
95 100  
174 92.7 0.0 168.6  
176 87.4 0.0 164.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 1591  
Delta R.T. 0.006 min  
Lab File: VY023862.D  
Acq: 02 Dec 2025 16:20

Tgt Ion: 117 Resp: 58949  
Ion Ratio Lower Upper  
117 100  
82 54.2 45.4 68.0  
119 31.9 26.0 39.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.346 min Scan# 1907  
 Delta R.T. -0.000 min  
 Lab File: VY023862.D  
 Acq: 02 Dec 2025 16:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-1125-22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 19096 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 61.0  | 28.7  | 86.3  |
| 150      | 151.7 | 0.0   | 345.6 |

